

CERES Systems Engineering Committee

Members: Maria Mitchum, NASA, DMO
Sandy Nolan, SAIC
Jill Travers, DAAC
Sue Sorlie, DAAC

Charter: Serve as a forum for resolving issues which affect more than one working group. Report to CERES Data Management Team

Sept. 14, 1999, 1:00 pm

The committee met with Ed Kizer and Sandy to discuss the proposed changes to the ERBE-like Subsystems, 2 and 3. The committee agreed with the renaming and renumbering of the revised PGEs. Subsystem 2 will be condensed from 9 PGEs to 4. Subsystem 3 will be condensed from 6 PGEs to 2. When a new PGE goes into production (replacing a PGE with the same PGENAME), the LaTIS Processing Team will document the replacement date and new PGE description. This is important because Log files, PCFs, etc. will not be related to the previously generated files with the same PGENAME. The Subsystem Leads were asked to fully document instructions for all directory structures, clean-up procedures as well as processing procedures. Sandy and Ed were also asked to send the draft versions of their new Test Plans and Ops Manuals to Maria and Jill as soon as possible for early review. It was pointed out that the LaTIS File Management Database will need to be modified to reflect the new PGEs and their respective files. Maria must modify the File Management Policy document with any file changes for each PGE for the LaTIS epilogue.

Sandy asked the LaTIS Processing Team to keep the SSFB files on the active disk for at least a week to give her enough time to run her subsetting program for Norm Loeb.

SamplingStrategy Naming Convention for Multiple Instrument Output Files

Maria reported that she spoke to Bruce Barkstrom on the naming convention of the output SamplingStrategy for multiple instruments. Bruce favored the Instrument names strung with a plus (+) symbol between the names. The names of the Satellite and/or Imager will be dropped from the SamplingStrategy name.

Example: SS = PFM+FM1+FM2

LaTIS Processing Environment Requirements for Multiple Instrument Processors:

The LaTIS processing system must provide the input files' SamplingStrategies, ProductionStrategies and ConfigurationCodes to a PGE at initialization time. These are provided to the PCF input file generators through an environment file or through a call to the Production Database (TBD).

The LaTIS Processing Team will support Ed and Nichele's suggested naming convention schema: One parameter, SSin (PSin and CCin), which contains all SamplingStrategies (ProductionStrategies and ConfigurationCodes) strung out and concatenated with a plus (+) sign be used.

Example: SSin = SS₁+SS₂+.. PSin = PS₁+PS₂+.. CCin = CC₁+CC₂+..

These would be parsed and the filenames would be constructed from the individual parts.

Meeting adjourned 2:30 pm mvm

Multi-Instrument Sampling Strategy Annotation - July 27, 2000

Whala - we can use a '+' sign in the Sampling Strategy annotation for multiple Instrument processing. There is a prescribed order for the Instrument declarations: PFM, FM1, FM2, FM3, FM4, FM5, example: PFM+FM2+FM4